

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

December 17, 1981

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Department of Natural Resources
Division of Oil, Gas and Mining
4241 State Office Building
Salt Lake City, UT 84114

RECEIVED
DEC 21 1981

**DIVISION OF
OIL, GAS & MINING**

Re: NGC #23-23 Federal
NE SW Section 23, T9S, R17E
Uintah County, Utah

Gentlemen:

Enclosed are the following documents relating to drilling the above referenced well:

- 1) Application for Permit to Drill
- 2) Surveyor's Plat
- 3) Ten Point Plan
- 4) BOP and Pressure Containment Specifications
- 5) 13 Point Surface Use Plan
- 6) Topographic Maps

Should you require additional information, please contact this office.

Yours truly,

Wm Ryan

Wm. A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐OTHER ☐SINGLE
ZONE ☐MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

2118' FWL, 1949' FSL, Section 23, T.9S, R.17E, NE SW

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18.2 miles south of Myton

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

522 ft.

16. NO. OF ACRES IN LEASE

160

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

5706'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

5236' GR

22. APPROX. DATE WORK WILL START*

January 31, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4	9-5/8	36#, K-55	500'	To surface
7-7/8	5-1/2	17#, N-80	TD	As required.

Operator proposes to drill a development well to 5706' feet. For additional details see attached sheets.

RECEIVED

DEC 21 1981

DIVISION OF
OIL, GAS & MININGAPPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 1/18/82

BY: B. Knight

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

Wm Ryan
William A. Ryan

TITLE Petroleum Engineer.

DATE December 17, 1981

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Operations; ERHenry; CTCIark

T9S, R17E, S.L.B.&M.

N 89°59' W

80 .06

23

BIG WASH # 23-23

Elev. Ungraded Ground - 5236'

2118'

1949'

80 .04

S 89°59' W

X = Section Corners Located

PROJECT

NATURAL GAS CORP. OF CALIF.

Well location, **BIG WASH # 23-23**,
located as shown in NE 1/4 SW 1/4,
Section 23, T9S, R17E, S.L.B.&M.
Uintah County, Utah.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lawrence E. Kay
REGISTERED LAND SURVEYOR
REGISTRATION NO 3137
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P. O. BOX Q - 85 SOUTH - 200 EAST
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	12/8/81
PARTY	RK, BK	REFERENCES	GLO PLAT
WEATHER	CLEAR/COOL	FILE	N.G.C.

NATURAL GAS CORP.
OF CALIF.

BIG WASH #23-23

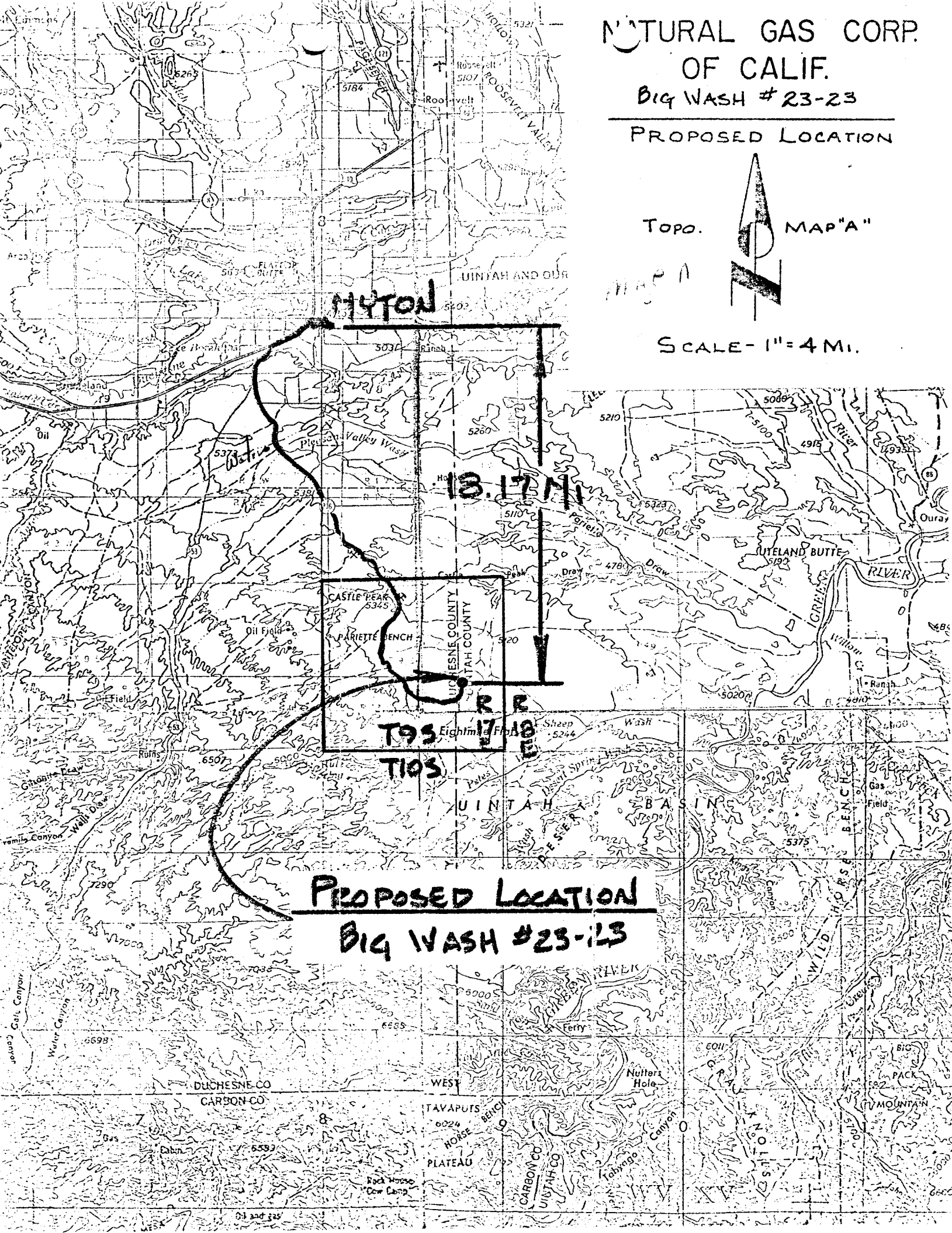
PROPOSED LOCATION

TOPO.

MAP "A"



SCALE - 1" = 4 MI.



10 Point Plan
Big Wash Prospect
NGC #23-23 Federal
Section 23, T9S, R17E
Uintah County, Utah

1. Surface formation: Uintah.

2. Estimated Formation Tops and Datum:

<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Uintah	Surface	5236'
Green River	1692'	3544'
Parachute Creek	2891'	2345'
(H) Garden Gulch	4089'	1147'
(I) Zone	4262'	974'
(J) Zone	4657'	579'
(K) Douglas Creek	4857'	379'
(N) Black Shale	4916'	320'
Tgr Datum	5436'	-200'
Wasatch	5631'	-395'
T.D.	5706'	-470'

3. Producing Formation Depth: 5440' - 5635'

4. Proposed Casing Program:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/ft.</u>	<u>Setting Depth</u>	<u>Cement</u>	<u>Casing</u>
12-1/4	9-5/8	36#, K-55	500'	To Surface	New
7-7/8	5-1/2	17#, N-80	TD	As Required	New

5. A 3000 psi WP BOP system as described in the BOP and Pressure Containment Data (attached) will be installed and maintained from under the 9-5/8" surface casing. BOP system including the casing will be pressure tested to a minimum of 3000 psi for 30 mins. prior to drilling and will be mechanically checked daily during drilling operations.

6. Mud Program:

<u>Interval</u>	<u>Mud Weight lbs/gal</u>	<u>Viscosity Sec/Qt</u>	<u>Fluid Loss ML/30 mins.</u>	<u>Mud Type</u>
0-500	Clear Water	---	No Control	Water/Gel
500-TD	9.5	35	10cc or less	Brine

7. Auxiliary Equipment: Upper kelly cock, full opening stabbing valve, 2½" choke manifold, and pit level indicator.

8. Testing, Coring, Sampleing and Logging:

- (a) Testing: Drill stem tests may be conducted at the discretion of the well site geologist.
- (b) Coring: Two cores at 4568' and 4720'.
- (c) Sampling: Cutting samples will be collected by the drilling contractor at 30' intervals from surface to Green River and 10' samples from Green River to T.D.

8. (d) Logging:

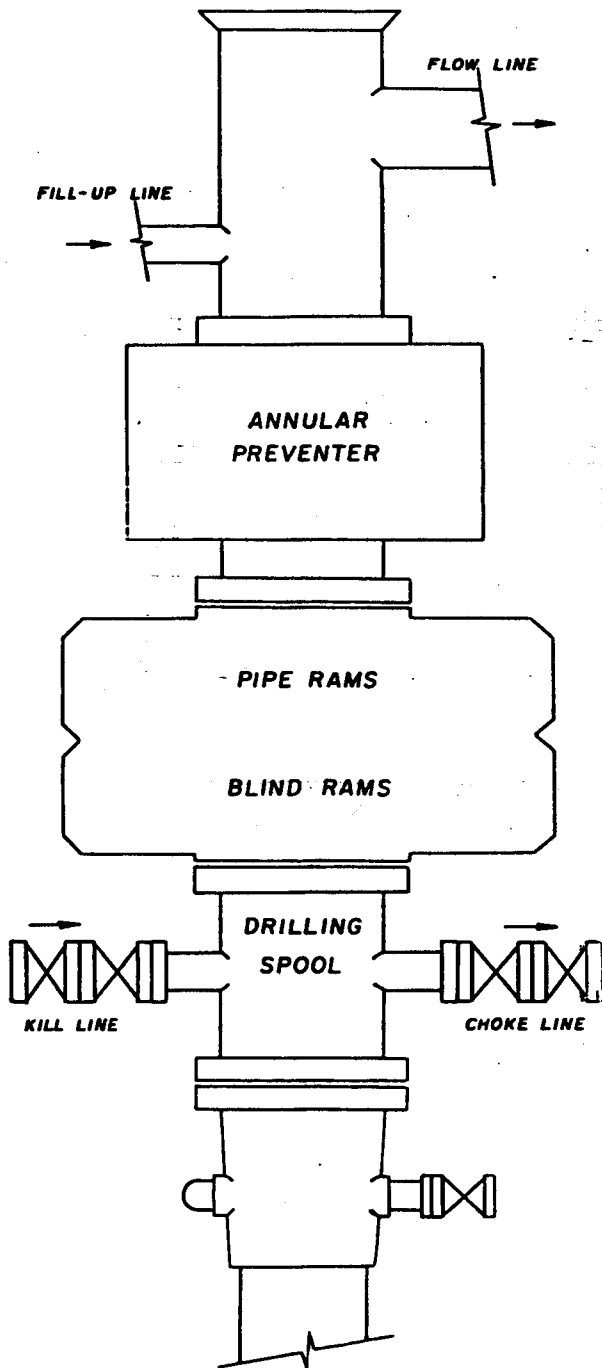
Type

DI-SFL/GR and S.P.
FDC-CNL/GR and F-Log Overlay
BHC Sonic/GR and Caliper
Temp Survey to be run with each log.

9. Abnormalities: No abnormal temperatures, pressures, or other potential hazards are anticipated.
10. Drilling Schedule: Anticipated starting date - Jan. 31, 1982. Duration of operations - 30 days.

NATURAL GAS CORPORATION
OF
CALIFORNIA
BOP AND PRESSURE CONTAINMENT DATA

NGC #23-23 Federal
NE SW Section 23, T9S, R17E
Uintah County, Utah



1. BOP equip shall consist of a double gate, hydraulically operated preventer with pipe & blind rams or two single ram type preventers, one equipped w/pipe rams, the other w/blind rams.
2. BOP's are to be well braced w/ hand controls extended clear of substructure.
3. Accumulator to provide closing pressure in excess of that required w/sufficient volume to operate all components.
4. Auxiliary equipment: Lower kelly cock, full opening stabbing valve, 2½" choke manifold, pit level indicator &/or flow sensors w/alarms.
5. All BOP equipment, auxiliary equipment stand pipe & valves & rotary hose to be tested to the rate pressure of the BOP's at time of installation & every 30 days thereafter. BOP's to be mechanically checked daily.
6. Modification of hook-up or testing procedure must be approved in writing on tour reports by wellsite representative.

NATURAL GAS CORPORATION OF CALIFORNIA

13 Point Surface Use Plan

for

Well Location

NGC #23-23 Federal

Located in

Section 23, T9S, R17E

1. EXISTING ROADS

See attached topographic map A.

To reach NGC Well #23-23 proceed west from Myton, Utah along U.S. Highway 40 for 1.5 miles to its junction with U.S. Highway 53. Proceed south 2 miles to its junction with county road 216; follow this road south and east approximately 10.5 miles, then proceed south 4.5 miles. At this point the planned access road will start.

At the present time, no construction is anticipated along any portion of the described road.

2. PLANNED ACCESS ROAD

See attached topographic map B.

The proposed access road will follow an existing two track for 1.48 miles, then turn north for .5 miles.

The access road will be constructed to the following standards:

- 1) Width - The running surface will be 18 feet and the total disturbance width including the ditches will not exceed 30 feet.
- 2) Maximum grade - 3%.
- 3) Turnouts - None.
- 4) Drainage designs - Ditches will be constructed on each side of the road, V-shaped, 1 foot deep at 3:1 slopes. See typical road cross section.
- 5) Location and size of culverts, major cuts and fills - No culverts are planned for but two or three low water crossings are planned.
- 6) Surfacing materials - None.
- 7) Gates, cattleguards, or fence cuts - None.
- 8) The proposed road has been flagged.

3. LOCATION OF EXISTING WELLS

The following wells are located within a 1 mile radius of the location site.

- 1) Water Wells - None.
- 2) Abandoned Wells - None.
- 3) Temporarily Abandoned Wells - None.

- 4) Disposal Wells - None.
- 5) Drilling Wells - None.
- 6) Producing Wells - None.
- 7) Shut-in Wells - None.
- 8) Injection Wells - None.
- 9) Monitoring or observation wells for other resources - None.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

- A.
 - (1) Tank batteries - none.
 - (2) Production facilities - none.
 - (3) Oil gathering lines - none.
 - (4) Gas gathering lines - none.
- B.
 - (1) In the event production is established, plans for a gas pipeline from this location to the existing gathering lines will be submitted under an amendment to this plan for approval. All petroleum production facilities are to be contained within the proposed location site. In the event that production of oil from this well is established, a berm will be constructed around the tank battery large enough to contain the contents of tanks.
 - (2) Construction methods and materials - Production facilities will be placed on the proposed pad. Construction materials will come from the unused portion of the pad.
 - (3) Livestock and wildlife protection - The evaporation pond will be fenced on all four sides and overhead wire with flagging installed, if there is oil in the pit.
- C. The rehabilitation of disturbed areas no longer required for the production of this well will be completed by backfilling, recontouring, topsoiling and seeding.

5. LOCATION AND TYPE OF WATER SUPPLY

See attached topographic map A.

Natural Gas Corporation of California has made an agreement with Matador Trucking to supply water from a leased source in Pleasant Valley.

6. SOURCE OF CONSTRUCTION METHODS

All construction materials for this location site and access road will be borrow materials, accumulated during construction of the location site. No additional road gravels or pit lining material from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

7. METHODS FOR HANDLING WASTE DISPOSAL

- 1) Cuttings, drilling fluids and produced fluids - A reserve pit will be constructed. The reserve pit will be approximately 10' deep and at least one-half of this depth shall be below the surface of the existing ground.

One-half of the reserve pit will be used as a fresh water storage area during the drilling of this well and the other one-half will be used to store nonflammable materials such as cuttings, salts, drilling fluids, chemicals, produced fluids, etc.

Prior to the onset of drilling, a "stock tight" fence shall be installed on three sides of the reserve pit. This fence will be either (1) woven wire at least 28 inches high and within 4 inches of ground surface with two strands of barbed wire above the woven wire with 10-inch spacing, or, (2) at least five strands of barbed wire spaced, starting from the ground, at approximately 6-, 8-, 10-, 12-, and 12-inch intervals. At the completion of drilling operations, the fourth side of the reserve pit will be fenced and allowed to dry completely before the pit is backfilled. If there is oil on the pits, overhead wire and flagging will be installed on the pits.

If deemed necessary by the agencies concerned to prevent contamination to surrounding areas, the reserve pit will be lined with a gel.

- 2) Sewage - A portable chemical toilet will be supplied for human waste.
- 3) Garbage - Trash cages will be on all locations and all trash will be removed to an authorized landfill.
- 4) Site Clean-up - Immediately after the rig is moved out, the area around the well site will be cleaned and all refuse placed in the burn pit.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See typical rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

Prior to construction of the location, the top 6 inches of soil material will be stripped and stockpiled. This will amount to approximately 1400 cubic yards of material that will be stockpiled.

If the well is producing, the platform and pit areas no longer required for the production of the well will be backfilled, recontoured, topsoiled and seeded.

If the well is abandoned, the entire disturbed area (including roads) will be restored by: (1) backfilling; (2) recontouring; (3) topsoiling; (4) seeding. Specifically: the platform highwall(s) and road fill(s) will be eliminated by moving all excavated material back in place. Restoration of the location and access road will begin within 90 days after completion of the well. The BLM representative will be notified prior to starting the rehabilitation operations.

The following seed mixture and methods for seeding will be used:

The seed mixture will be: Determined by the Bureau of Land Management at the time of abandonment.

Seed will be planted after September 1 and prior to ground frost; or seed will be planted after the frost has left and before May 15. All seed will be drilled on the contour at a depth of $\frac{1}{4}$ to $\frac{1}{2}$ inch. Slopes too steep or rocky for machinery will be broadcast and the seed hand raked into the soil. When broadcasting the seed, the rate per acre will be doubled.

The Lessee further covenants and agrees that all of said clean-up and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

- 1) The soil is a light sandy clay and rock. The vegetation cover is 5-10% with the majority made up of sage brush.
- 2) The surface is owned by the Federal government and administered by the Bureau of Land Management.
- 3) There are no occupied dwellings or other facilities including archaeological, historical, or cultural sites near the proposed location. The nearest live water is the White River, 6 miles to the southeast.

12. LESSEE'S OR OPERATOR'S REPRESENTATIVE

Natural Gas Corporation of California
85 South 200 East
Vernal, UT 84078
Attn: William A. Ryan

Telephone: (801) 789-4573

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge and belief, true and correct; and that the work associated with the operations proposed herein will be performed by Natural Gas Corporation of California and its contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

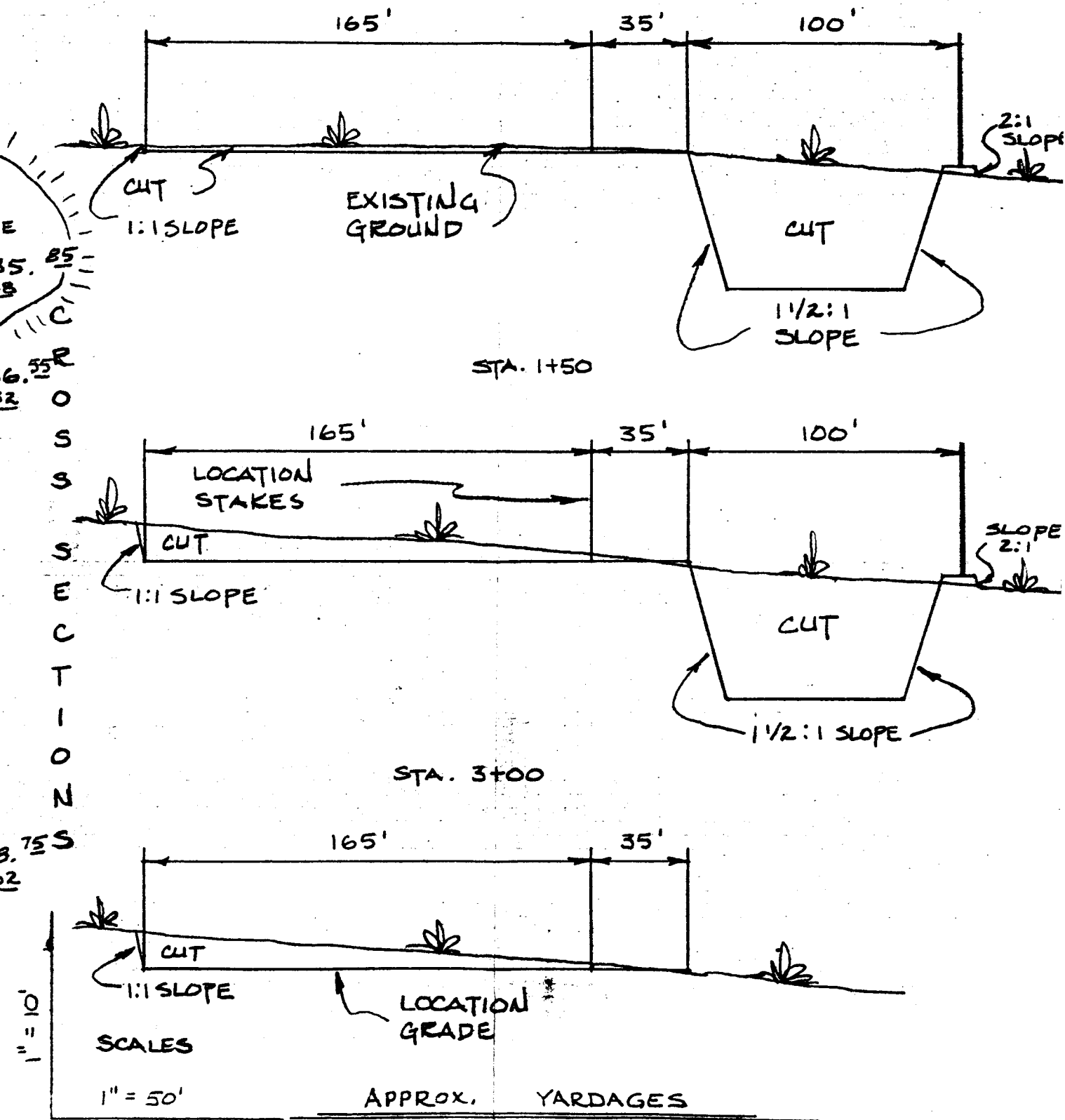
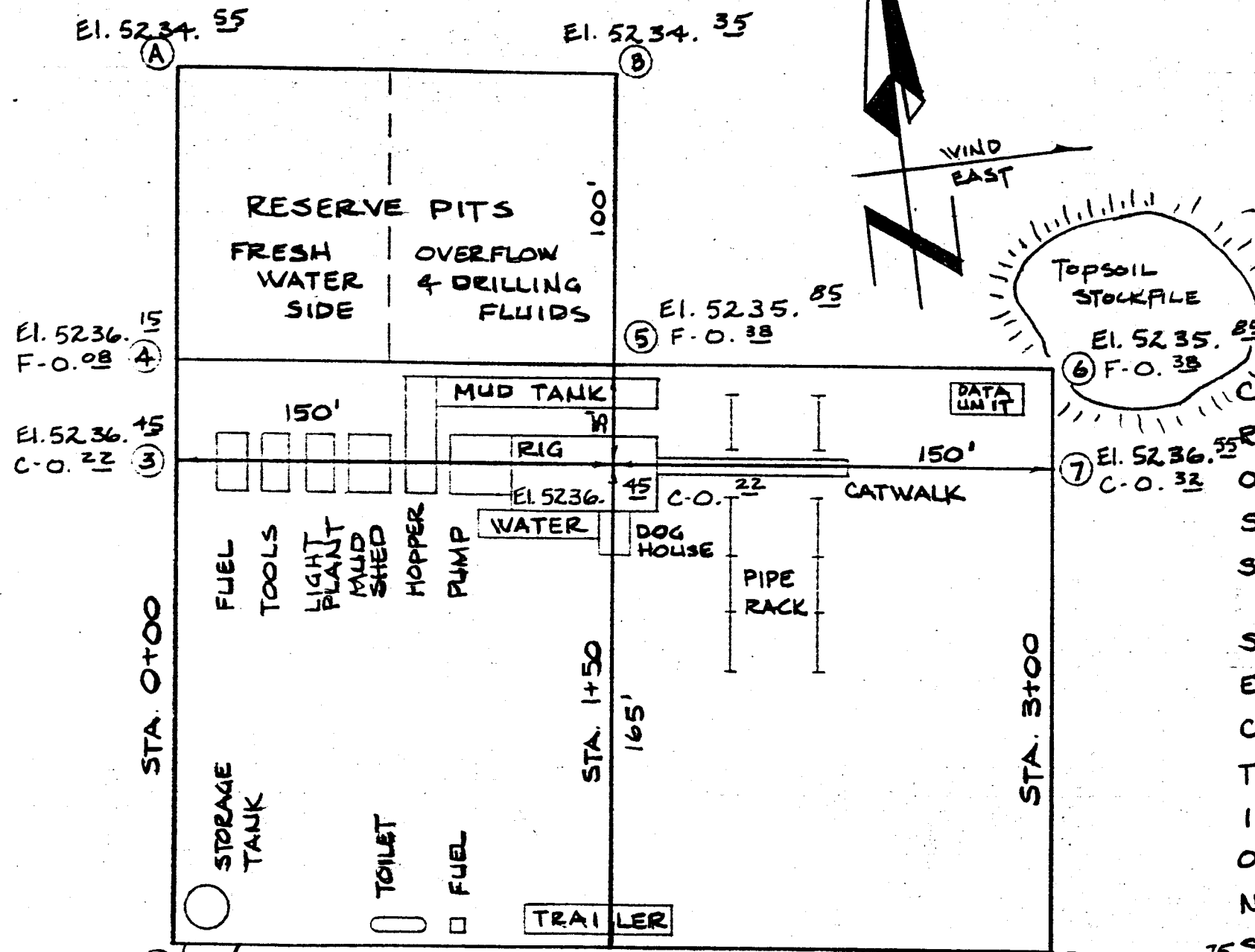
12-15-81

Date

William A. Ryan

William A. Ryan, Petroleum Engineer

STA 0+00

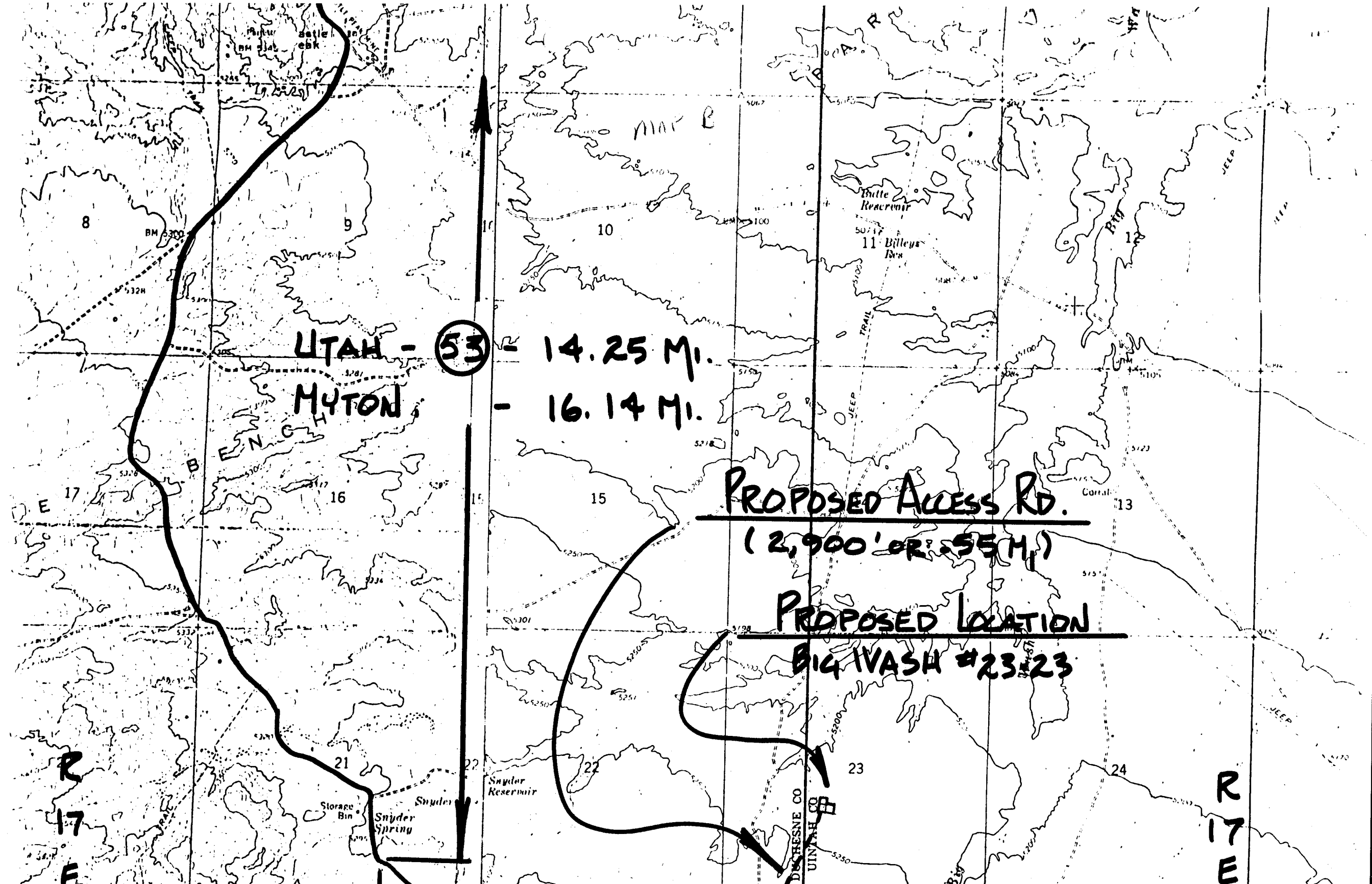


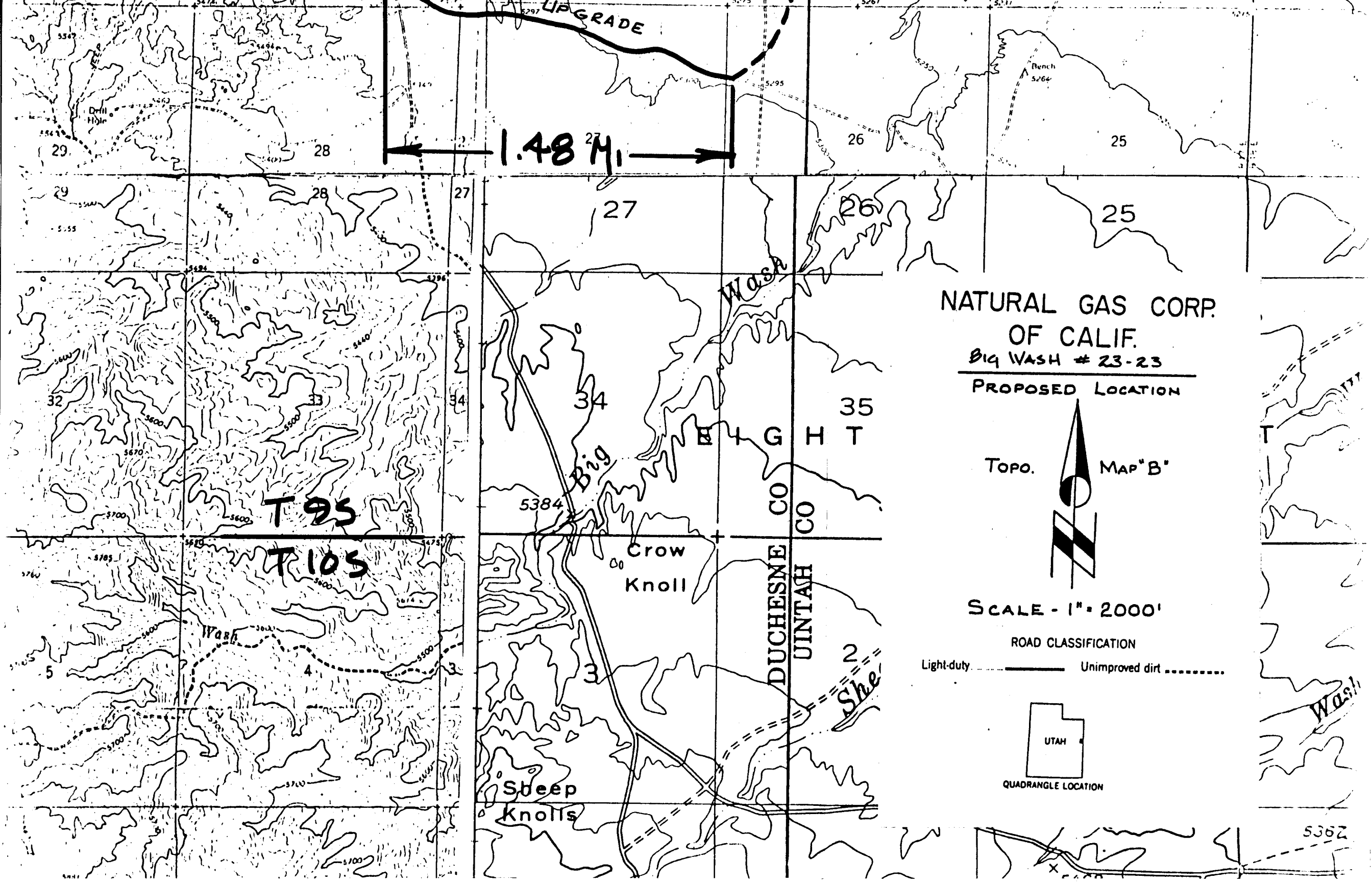
CU YDS CUT - 7482
CU YDS FILL - 84
INCLUDES PIT YARDAGE

UTAH - (53) = 14.25 MI.
MYTON - 16.14 MI.

PROPOSED ACCESS RD.
(2,900' OR 55 MI.)

PROPOSED LOCATION
BIG WASH #2323





1.48 Mi

T9S
T10S

Wash

Big

EIGHT

DUCHESNE
CO
UINTAH
CO

Crow
Knoll

Sheep
Knolls

2
Sheep

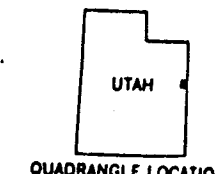
NATURAL GAS CORP.
OF CALIF.
Big WASH # 23-23
PROPOSED LOCATION

TOPO. MAP "B"

SCALE - 1" = 2000'

ROAD CLASSIFICATION

Light-duty ————— Unimproved dirt



QUADRANGLE LOCATION

5362

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-17785	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Natural Gas Corporation of California			7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573			8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2118' FWL, 1949' FSL, Section 23, T.9S, R.17E, NE SW At proposed prod. zone			9. WELL NO. NGC #23-23 Federal	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 18.2 miles south of Myton			10. FIELD AND POOL, OR WILDCAT Wildcat	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 522 ft.			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T.9S, R.17E	
16. NO. OF ACRES IN LEASE 160			12. COUNTY OR PARISH Uintah	
17. NO. OF ACRES ASSIGNED TO THIS WELL 40			13. STATE Utah	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 5706'			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5236' GR			22. APPROX. DATE WORK WILL START* January 31, 1982	

23. PROPOSED CASING AND CEMENTING PROGRAM

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7-7/8	5-1/2	17#, N-80	TD	As required.

Operator proposes to drill a development well to 5706' feet. For additional details see attached sheets.

RECEIVED
JAN 15 1982DIVISION OF
OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED Wm Ryan TITLE Petroleum Engineer DATE December 17, 1981
William A. Ryan
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____
(Orig. Sgd.) A. M. RAFFOUL FOR E. W. GUYNN
APPROVED BY Petroleum Engineer TITLE DISTRICT OIL & GAS SUPERVISOR DATE JAN 14 1982
CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

cc: USGS; Div. OG&M; Operations; ERHenry; CTClark

NOTICE OF APPROVAL

State of G

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPYFLARING OR VENTING OF
GAS IS SUBJECT TO NTL 4-A
DATED 1/1/80

Identification CER/EA No. 102-82

United States Department of the Interior
Geological Survey
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator Natural Gas Corporation of California
Project Type Oil Well
Project Location 2118' FWL & 1949' FSL - Sec. 23, T. 9S, R. 17E
Well No. 23-23 Lease No. U-17785
Date Project Submitted December 21, 1981

FIELD INSPECTION

Date January 8, 1982

Field Inspection
Participants

Greg Darlington - USGS, Vernal

Gary Slagel - BLM, Vernal

Rick Canterbury - Natural Gas Corporation

Leonard Heeney - Ross Construction

Related Environmental Documents: Unit Resource Analysis, Duchesne Planning

Unit, BLM, Vernal

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 14, 1982
Date Prepared

Gregory Darlington
Environmental Scientist

I concur

1/14/82
Date

Ed Luyman
District Supervisor

Typed In

Typing Out

PROPOSED ACTIONS:

Natural Gas Corporation plans to drill the NGC #23-23 well, a 5706' oil test with an anticipated production interval at 5440' to 5635'. About 2000' of new access road will be required to reach the location. A pad 200' x 300' and a reserve pit 100' x 150' are planned for the location.

RECOMMENDED APPROVAL CONDITIONS:

The operator agrees to accept and adhere to the following conditions in addition to the plans outlined in the APD:

1. BLM stipulations;
2. lease stipulations; and
3. provide adequate logs for the identification of other minerals as requested in the Mineral Evaluation Report and Mining Report.



North View
NGC 23-23

1-8-1982

FIELD NOTES SHEET

Date of Field Inspection: January 8, 1982

Well No.: 23-23

Lease No.: U-17785

Approve Location: ✓

Approve Access Road: ✓

Modify Location or Access Road: Minor change to keep short portion of access road along a ridge top out of a drainage.

Evaluation of Criteria for Categorical Exclusion

1. Public Health and Safety
2. Unique Characteristics
3. Environmentally Controversial Items
4. Uncertain and Unknown Risks
5. Establishes Precedents
6. Cumulatively Significant
7. National Register Historic Places
8. Endangered/Threatened Species
9. Violate Federal, State, Local, or Tribal Laws

If this project is not eligible for Categorical Exclusion circle the numbers of the above criteria requiring the preparation of an EA.

Comments and special conditions of approval discussed at onsite: (include local topography) Designation of operator was received at the onsite and is being forwarded to L.C. with CER. Good Plan
first onsite of the new year
Lease Expires 1-31-82

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

Criteria 516 DM 2.3.A	Federal/State Agency			Local and private corre- spondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
	Corre- spondence (date)	Phone check (date)	Meeting (date)						
Public health and safety							1, 2, 4, 6	1-8-1982	
Unique charac- teristics							1, 2, 4, 6		
Environmentally controversial							1, 2, 4, 6		
Uncertain and unknown risks							1, 2, 4, 6		
Establishes precedents							1, 2, 4, 6		
Cumulatively significant							1, 2, 4, 6		
National Register historic places							1, 6		
Endangered/ threatened species							1, 6		
Violate Federal, State, local, tribal law							1, 2, 4, 6		

CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey
(Conservation Division, Geological Division, Water Resource Division,
Topographic Division)
3. Lease Stipulations/Terms
4. Application Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement
8. *Onsite Requirements other than the Items 1-7.*

VERNAL DISTRICT OFFICE
170 South 500 East
Vernal, Utah 84078

January 12, 1982

Ed Guynn, District Engineer
USGS, Conservation Division
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

Re: Joint Onsite Inspection
Natural Gas of California
T9S, R17E, Section 23 #23-23

Dear Mr. Guynn:

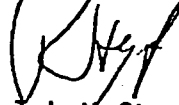
On January 8, 1982, a joint onsite inspection was made of the above referenced well site locations and proposed access roads by people representing NGC, Ross Construction, USGS, and the BLM. We feel that the surface use and operating plans are adequate with the following stipulations:

1. Construction and maintenance of roads, rehabilitation of disturbed areas, and construction of pipeline routes shall be in accordance with surface use standards as set forth in the booklet, "Surface Operating Standards for Oil and Gas Exploration and Development."
2. The maximum width of access roads will be 30 feet total disturbed area. Turnouts will not be required and traveling off the right-of-way will not be allowed.
3. Topsoil will be stockpiled as addressed in the applicants 13 point plan. Our office recommends the top 6-10 inches of soil materials be stockpiled.
4. The BLM will be notified at least 24 hours prior to any construction.
5. The BLM will be notified at least 24 hours prior to any rehabilitation.
6. A burn pit will not be constructed. There will be no burying of garbage or trash at the location. All trash must be contained and hauled to an approved disposal site.
7. All permanent (on site for six (6) months duration or longer) structures constructed or installed shall be painted a flat (non-reflective) earth tone color to match Tnemec 23-08351 Mesa Brown Enduratone or an approved equal. Facilities that are required to comply with O.S.H.A. (Occupational Safety and Health Act) standards are excluded.

An archaeological clearance has been conducted by Utah Archaeological Research Corporation of the proposed drill sites and access roads. No cultural materials were located on the surface of the survey areas.

The proposed activities do not jeopardize listed, threatened, or endangered flora/fauna and their habitats.

Sincerely,



Ralph Heft
Area Manager
Diamond Mountain Resource Area

Ed Hagan, District Director
USGS, Conservation
2000 Administration
1745 West 1000 South
Salt Lake City, UT 84119
cc: USGS, Vernal

GS1agel/lc

cc: Joint Office
Natural Gas
TSS, BLM, 4-12-23

**** FILE NOTATIONS ****

DATE: 1-6-82
OPERATOR: Natural Gas Corp.
WELL NO: NGC #23-23 Federal
Location: Sec. 23 T. 9S R. 17E County: Winted
File Prepared: ☒ Entered on N.I.D: ☒
Card Indexed: ☒ Completion Sheet: ☒
API Number 43-047-31169

CHECKED BY:

Petroleum Engineer: _____
Director: OK as per rule C-3
Administrative Aide: The per rule C-3

APPROVAL LETTER:

Bond Required: ☐ Survey Plat Required: ☐
Order No. _____ O.K. Rule C-3 ☐
Rule C-3(c), Topographic Exception - company owns or controls acreage
within a 660' radius of proposed site ☐
Lease Designation Fed Plotted on Map ☐
Approval Letter Written ☐
Hot Line ☒ P.I. ☒

January 19, 1982

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Re: Well No. NGC #23-23 Federal
Sec. 23, T. 9S, R. 17E
Uintah County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immedeately notify the following:

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-047-31169.

Sincerely,

DIVISION OF OIL, GAS AND MINING



Cleon B. Feight
Director

CBF/as
Encl.
cc: BSGS

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐ other ☐
well well

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone 801-789-4573
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2118' FWL, 1949' FSL, Section 23,
AT TOP PROD. INTERVAL: NE SW T.9S, R.17E
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) Report of Spud

SUBSEQUENT REPORT OF:

☐
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☐
☐
☐

5. LEASE
U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
23-23

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 23, T.9S, R.17E

12. COUNTY OR PARISH
Uintah

13. STATE
Utah

14. API NO.
43-047-31169

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5236' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This well was spudded January 28, 1982 at 3 p.m. with a dry hole digger. A 12 1/2" hole will be drilled to 500 feet and 9-5/8" casing set. The dry hole digger will be moved off and the Olsen #2 drilling rig moved in.

A signed affidavit verifying the January 31, 1982 drill over date will be forthcoming.

Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Wm Ryan TITLE Petroleum Engr. DATE January 29, 1982
William A. Ryan

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Chorney; Cotton Pet.; DeGolyer; Operations; CTC Clark;
ER Henry; SFurtado

NOTICE OF SPUD

Company: Natural Gas Corp
Caller: Bill Ryan
Phone: _____

Well Number: NGC #23-23

Location: NE SW 23-95-17E

County: Uintah State: Utah

Lease Number: U-17785

Lease Expiration Date: 1-31-82

Unit Name (If Applicable): _____

Date & Time Spudded: 1-28-82 3:00 p.m.

Dry Hole Spudder Rotary: Leon Ross Drilling

Details of Spud (Hole, Casing, Cement, etc.) 12 1/4" hole

set 9 5/8" cc to 500'

Rotary Rig Name & Number: Olsen #2

Approximate Date Rotary Moves In: 2-8-82

FOLLOW WITH SUNDRY NOTICE

Call Received By: Jm

Date: 1-29-82

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

February 3, 1982

Mr. E. W. Guynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S, R.17E
Uintah County, Utah
Pleasant Valley Prospect

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Subsequent Report of Spud Date - Drilling Over Statement, for the above
referenced well.

Yours truly,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachments

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
FEB 05 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☒ gas well ☐ other ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR Telephone: 801-789-4573
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2118' FWL, 1949' FSL, Sec. 23, T.9S, R.17E, NE-SW
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐

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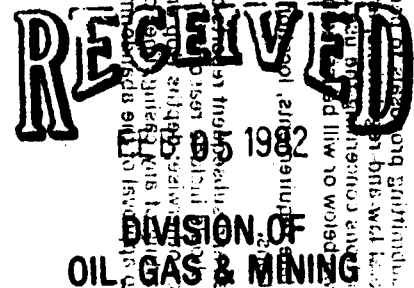
(other) Drilling over statement

5. LEASE U-17785
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME Federal
9. WELL NO. 23-23
10. FIELD OR WILDCAT NAME Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T.9S, R.17E
12. COUNTY OR PARISH Uintah
13. STATE Utah
14. API NO. 43-047-31169
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5236' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Please find attached statement for drilling over the lease expiration.



Subsurface Safety Valve: Manu. and Type _____

Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED W^m Ryan TITLE Petroleum Engr. DATE February 3, 1982
William A. Ryan

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: USGS; Div. OG&M; Chorney; Cotton; DeGolyer; Operations; ERHenry; SFurtado;
CTClark

NATURAL GAS CORPORATION OF CALIFORNIA

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

January 29, 1982

Mr. E. W. Gynn
Geological Survey-Conservation Div.
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Mr. Michael T. Minder
~~Division of~~ Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S, R.17E
Uintah County, Utah
Pleasant Valley Prospect

Gentlemen:

Attached are copies of Form 9-331, Sundry Notices and Reports on Wells,
Notice of Spud Date, for the above referenced well.

Yours truly,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
FEB 01 1982
DIVISION OF
OIL, GAS & MINING

Well #23-23 Federal, Section 23, T.9S, R.17E, was spudded at 3 p.m. on 1/28/82. The work was done by Leon Ross Drilling Company. On January 31, 1982, the rig was drilling at 75' with a proposed T.D. of 500' at which time 9-5/8" casing would be set.

I, William A. Ryan, was on location and witnessed the above.

William A Ryan
William A. Ryan, Petroleum Engr.

state of Utah }
County of Uintah } ss

William A. Ryan appeared before me on this 3rd Day of Feb., 1982 and signed the above statement of his own will and desire.

Lawrence L. Kay
Notary Public - Residing in Vernal, Utah
84078



United States Department of the Interior

GEOLOGICAL SURVEY
Minerals Management Service
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104-3884

March 5, 1982

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Natural Gas Corporation of California
Denver Corporate Center Tower II
7800 East Union Avenue, Suite 800
Denver, Colorado 80237

Re: Lease No. U-17785
Well No. 23-23
Section 23, T.9S, R.17E
Uintah County, Utah

Gentlemen:

This office received a Sundry Notice on February 1, 1982 reporting the spudding of the referenced well on January 28, 1982. As the subject lease has an expiration date on January 31, 1982, this spudding gave you the right to conduct drilling operations "in such a way as to be an effort which one seriously looking for oil or gas could be expected to make in that particular area" as stated in CFR 3107.2-2. A preliminary letter reflecting the commencing of this activity was sent to the BLM Office.

The operations reported by your company about this well where the spudding of the well and the setting of a 500' surface casing. No other operations were reported since that date. Therefore your efforts could not be judged as diligent drilling operation as defined earlier. CFR 3107.2-3 specifies that "actual drilling operations were commenced prior to the end of its primary term and are being diligently prosecuted at that time, shall be extended for 2 years". In your case, actual drilling operations were commenced prior to the end of the primary term of the lease but they do not appear to be diligently prosecuted. To show diligent prosecution of operation a rig should be in operation no later than 60 days after the release of the dry hole digger. In this case you have 60 days from release of the dry hole digger or the small rig used to set surface casing (to 500 feet) to move in a rig and start diligent drilling operations. Otherwise there is no diligent drilling operations and the lease terminates under its own terms.

Sincerely,

E. W. Guynn
District Oil and Gas Supervisor

*Spudded Feb 11th
with drilling Rig*

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

March 9, 1982

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

~~Division of Oil, Gas, & Mining~~
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S., R.17E.
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells,
Subsequent Report of Commencement of Drilling Operations, for the above
referenced well.

Sincerely,

Wm Ryan

William A. Ryan
Petroleum Engineer

/kh

Encls.

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado

RECEIVED
MAR 12 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2118' FWL, 1949' FSL, Section 23,
AT TOP PROD. INTERVAL: T.9S., R.17E NE SW
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	<input type="checkbox"/>
ABANDON* <input type="checkbox"/>	<input type="checkbox"/>
(other) Commencement of Drilling Operations	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator reports the commencement of drilling operations with a rotary rig on February 11, 1982. Total depth of 5700' was reached February 21, 1982. Casing was set and the well is waiting on completion, which should be within the next six (6) weeks.

See attached letter dated March 5, 1982.

5. LEASE U-17785	
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME Federal	
9. WELL NO. 23-23	
10. FIELD OR WILDCAT NAME Wildcat	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 23, T.9S., R.17E.	
12. COUNTY OR PARISH Uintah	13. STATE Utah
14. API NO. 43-047-31169	
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5236' GR	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

RECEIVED
MAR 12 1982

**DIVISION OF
OIL, GAS & MINING**

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED William A. Ryan TITLE Petroleum Engr. DATE March 9, 1982

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management; Div. OG&M; Chorney; Cotton Pet.; DeGolyer; Operations;
C.T. Clark; E.R. Henry; S. Furtado

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

March 19, 1982

Mr. E. W. Gynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S., R.17E.
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells, Request for Approval to Fracture Treat and Shoot or Acidize, the above captioned well.

Yours truly,

Rick Canterbury
Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark (Cover Letter Only)
E. R. Henry
S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ gas ☐
well well other

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: *2118' FWL, 1949' FSL, NE SW*
AT TOP PROD. INTERVAL: *Section 23, T.9S., R.17E.*
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☒
SHOOT OR ACIDIZE ☒
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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☐
☐
☐
☐

5. LEASE
U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
23-23

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 23, T.9S., R.17E.

12. COUNTY OR PARISH *Utah* 13. STATE *Utah*

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5326'

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to perforate, acidize and fracture treat the following zones:

4852 4868 4886
4853 4868.5 4885
4855.5 4869
4856 4887

Fracture treating will be performed with gelled diesel.
See attached location layout.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED *Rick Canterbury* TITLE *Associate Engr.* DATE *March 19, 1982*

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management; Div. OG&M; DeGolyer; Op. Div. of UTAH DIVISION OF OIL, GAS, AND MINING
Cotton Petroleum; Chorney

*See Instructions on Reverse Side

DATE: _____
BY: _____

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078
(801) 789-4573

March 23, 1982

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

~~Division of Oil, Gas & Mining~~
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S., R.17E.
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Enclosed are copies of Form 9-331, Sundry Notices and Reports on Wells,
Request for Approval to Fracture Treat and Shoot or Acidize, the above
captioned well.

Sincerely,

Rick Canterbury
Rick Canterbury
Associate Engineer

/kh

Encls.

cc: Operations
C. T. Clark (Cover Letter Only)
E. R. Henry
S. Furtado

RECEIVED
MAR 25 1982

**DIVISION OF
OIL, GAS & MINING**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☒ well gas ☐ well other ☐

2. NAME OF OPERATOR
Natural Gas Corporation of California

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2118' FWL, 1949' FSL, NE SW
AT TOP PROD. INTERVAL: Section 23, T.9S., R.17E.
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☒
SHOOT OR ACIDIZE ☒
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

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☐

RECEIVED
MAR 25 1982

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

DIVISION OF
OIL, GAS & MINING

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator proposes to perforated, acidize, and fracture treat the following zones:

4486	4492-1/2	4586	4590
4486-3/4	4493-3/4	4587-1/2	4590-3/4
4490		4587-3/4	4593-1/4
4490-1/2		4589-1/2	

Fracture treating will be performed with gelled diesel. See attached location layout.

APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

Subsurface Safety Valve: Manu. and Type _____

DATE: 3/26/82 Ft.

18. I hereby certify that the foregoing is true and correct

BY: [Signature]

SIGNED Rick Canterbury TITLE Associate Engr. DATE March 23, 1982

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

cc: Minerals Management Service; Div. OG&M; Chorney; Cotton; DeGolyer; Operations;
E. R. Henry; S. Furtado

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. U-17785	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Natural Gas Corporation of California		7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078 Telephone 801-789-4573		8. FARM OR LEASE NAME Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2118' FWL, 1949' FSL, NE $\frac{1}{4}$ SW $\frac{1}{4}$ Section 23, T.9S., R.17E. At top prod. interval reported below At total depth		9. WELL NO. 23-23	
14. PERMIT NO. 43-047-31169		10. FIELD AND POOL, OR WILDCAT Wildcat	
DATE ISSUED 1-18-82		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Section 23, T.9S., R.17E.	
15. DATE SPUDDED 1/28/82		12. COUNTY OR PARISH Uintah	
16. DATE T.D. REACHED 2/20/82		13. STATE Utah	
17. DATE COMPL. (Ready to prod.) _____		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5236'	
19. ELEV. CASINGHEAD _____		20. TOTAL DEPTH, MD & TVD 5697'	
21. PLUG, BACK T.D., MD & TVD _____		22. IF MULTIPLE COMPL., HOW MANY* _____	
23. INTERVALS DRILLED BY _____		ROTARY TOOLS O-T.D.	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4486-5000'		CABLE TOOLS _____	
25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN DI-SFL/GR-SP-EDC-CNL/GR-BHC Sonic-Caliper	
27. WAS WELL CORED No		28. CASING RECORD (Report all strings set in well)	
CASINO SIZE		WEIGHT, LB./FT.	
9-5/8"		36#, K-55	
5-1/2"		17#, K-55	
DEPTH SET (MD)		HOLE SIZE	
504'		12-1/4	
5691'		7-7/8	
CEMENTING RECORD		AMOUNT PULLED	
To surface		_____	
700 sx		_____	
29. LINER RECORD		30. TUBING RECORD	
SIZE		SIZE	
TOP (MD)		DEPTH SET (MD)	
BOTTOM (MD)		PACKER SET (MD)	
SACKS CEMENT*		_____	
SCREEN (MD)		_____	
_____		2-7/8"	
_____		4979'	
31. PERFORATION RECORD (Interval, size and number) 5000-5005 (6 holes) 4852-53-55 $\frac{1}{2}$ -56-68-68 $\frac{1}{2}$ -69-85-86-87 (10 holes) 4486-86-3/4, 4490-90 $\frac{1}{2}$ -92 $\frac{1}{2}$ 4586-87 $\frac{1}{2}$ -87-3/4-89 $\frac{1}{2}$ -90-90-3/4		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 5000-5005 4852-87 4486-4590-3/4	
AMOUNT AND KIND OF MATERIAL USED 40 bbls. diesel 32 bbls. diesel, 51,000 gal diesel 125,000# sand 4 bbl diesel, 40,000 gal diesel, 38,000# sand			
33.* PRODUCTION DATE FIRST PRODUCTION 4/27/82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 228 American WELL STATUS (Producing or shut-in) Producing		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Boyd Snow	
DATE OF TEST 5/1/82 HOURS TESTED 24 CHOKER SIZE _____		35. LIST OF ATTACHMENTS _____	
PROD'N. FOR TEST PERIOD _____		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
OIL—BBL. 62.3 GAS—MCF. _____		SIGNED <u>Wm Ryan</u> William A. Ryan	
WATER—BBL. _____		TITLE <u>Petroleum Engineer</u>	
OIL GRAVITY-API (CORR.) _____		DATE <u>May 4, 1982</u>	

* (See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal agency or State office. See instructions on items 22 and 24, and 33, below, regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			Green River	1140	
			Oil Sahle Facies	1810	
			Delta Facies	2818	
			Green Shale		
			Marker	3820	
			Black Shale		
			Facies	4960	
			Green River Lime	5415	
			Wasatch	5596	

**NATURAL GAS CORPORATION
OF CALIFORNIA**

85 South 200 East
Vernal, Utah 84078

May 4, 1982

Mr. E. W. Guynn
Minerals Management Service
2000 Administration Bldg.
1745 West 1700 South
Salt Lake City, UT 84104

Division of Oil, Gas & Mining
4241 State Office Building
Salt Lake City, UT 84114

Mr. Sam Boltz, Jr.
Chorney Oil Company
1860 Lincoln, Suite 401
Denver, CO 80295

Cotton Petroleum Corporation
717 17th Street, Suite 2200
Denver, CO 80202

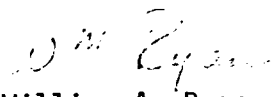
Mr. Bob Gilmore
DeGolyer & MacNaughton
No. 1 Energy Square
Dallas, TX 75206

Re: NGC #23-23 Federal
NE SW Section 23, T.9S., R.17E.
Uintah County, Utah
Pleasant Valley area

Gentlemen:

Attached are copies of Form 9-330, Well Completion or Recompletion Report and Log, for the above referenced well.

Yours truly,


William A. Ryan
Petroleum Engineer

/kh

Attachment

cc: Operations
C. T. Clark
E. R. Henry
S. Furtado
I. Chai
K. E. Reed
J. M. Kunz
R. Boschee
D. McGinley

RECEIVED
MAY 06 1982

DIVISION OF
OIL, GAS & MINING

NATURAL GAS CORPORATION OF CALIFORNIA

DENVER CORPORATE CENTER - TOWER II
7800 EAST UNION AVE. • SUITE 800
DENVER, COLORADO 80237
(303) 694-6076

May 4, 1982

Mr. Cleon B. Feight
Department of Natural Resources
Division of Oil, Gas and Mining
1588 West North Temple
Salt Lake City, Utah 84116

RE: 23-23 Federal Big Wash
NE SW Sec.23 T.9S R.17E
Uintah County, Utah

Dear Mr. Feight:

Natural Gas Corporation of California would like to hold the well logs that you received from our 23-23 Big Wash Federal well in a "TIGHT HOLE" status as outlined by the rules and regulations of the state of Utah, the normal suite of logs. DIL - GR - SP, FDC - CNL - GR, BHC Sonic - CAL - GR - "F" log, would be available for release.

All other logs which include Litho Density - CNL, Fracture Identification log - GR - RB - AZIM - DEV, Continuous Dipmeter, VOLAN - GD - GR, Prox-Micro log, Natural - GR - SPECT, Computer Processed log, are not to be released before February 20, 1984.

These logs are considered highly confidential and proprietary in nature.

Any company making inquires as to the release of this data other than the normal suite of logs should be referred to me.

Your corporation in this matter is sincerely appreciated.

Sincerely,



David C. McGinley
Chief Development Geologist

RECEIVED
MAY 07 1982
DIVISION OF
OIL, GAS & MINING

DCMG/w1

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-23

10. FIELD AND POOL, OR WILDCAT

Wildcat

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 23, T.9S., R.17E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. PERMIT NO.

43-047-31169

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5236' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other) Request Temporary Surface Pit X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests an unlined surface pit per NTL-2B, Sec. VI. The subject pit would be used as a blow down pit when the well is flow tested.

If you require additional information, please contact me at our Vernal office - telephone 789-4573.

RECEIVED
NOV 23 1984

DIVISION OF
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

William A. Ryan

TITLE Petroleum Engineer

DATE Nov. 15, 1984

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

TITLE

ACCEPTED
APPROVED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12/20/84

*See Instruction

BY: [Signature]



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

April 2, 1985

Natural Gas Corporation of California
85 South 200 East
Vernal, Utah 84078

Gentlemen:

RE: Review of Submitted Production and Disposition Information.

The Division staff has recently reviewed production and disposition reports submitted on several wells within Uintah County under your operatorship. The subject wells are listed on the enclosed tables, a comparison of submitted production and disposition reports on the subject wells indicate that the wells produced exactly the amount of gas used on lease each month through the year 1984. The Division staff has reasonable concern that the submitted production information is inaccurate and that proper measurements of gas production are not currently being performed.

It is requested that Natural Gas Corporation perform production tests of all the wells listed on the attached reports and that information be supplied which validates the production reported for the year 1984. The General Rules and Regulations of the Board of Oil, Gas and Mining require that measurement of all oil and gas produced from a well be performed and that such measurements be submitted in writing to the Division. Any additional information you could provide which would confirm your compliance with these Rules and Regulations would be greatly appreciated.

Your prompt consideration of this matter is appreciated. Please contact this office if you have additional questions.

Well No. N.G.C. ²³ 22-23 Fed.
Sec. 23, T. 9S R. 17E
Uintah County, Utah

Sincerely,

John R. Baza
John R. Baza
Petroleum Engineer

Enclosures
cc: R.J. Firth
Well File
0090T-65

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions
reverse side)

120131

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. NAME OF OPERATOR
Natural Gas Corporation of California
3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations.
See also space 17 below.)
At surface
DIVISION OF
OIL, GAS & MINING
2118' FWL, 1949' FSL, NE/SW Sec. 23, T.9S., R.17E.

14. PERMIT NO.
43-047-31169

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5236' GR

5. LEASE DESIGNATION AND SERIAL NO.

U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-23

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat No.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T.9S., R.17E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Suspend Production

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Operator requests permission to suspend production for the subject well. Due to the current fluctuation in oil prices, it is no longer economical to produce this well.

Attached is an economic evaluation showing this well has not been economical since January, 1986.

18. I hereby certify that the foregoing is true and correct

SIGNED

C. M. Heddleson
C. M. Heddleson

TITLE Production Supt.

DATE 11/18/86

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

*See Instructions on Reverse Side

18-Nov-86 EFH

WELL ECONOMIC EVALUATION: PLEASANT VALLEY 23-23

NGC NI: 0.75
NGC RI: 0.586875
DIL API: 29.4

PROD TAX 0.0421
SEV TAX 0.0271
FED TAX 0.2

MONTH	DIL BBL	SAS MCF	GROSS \$	OP. COSTS \$	OVERHEAD (\$)	TAX			TOTAL NGC NET \$
						PROD.	SEVERENCE	FEDERAL	
						\$	\$	\$	
Jan-85	215	0	\$4,825	\$1,277	\$436	\$203	\$125	\$850	\$1,092
Feb-85	197	0	\$4,324	\$1,350	\$436	\$182	\$112	\$762	\$842
Mar-85	134	0	\$2,941	\$1,361	\$436	\$124	\$76	\$521	\$273
Apr-85	195	0	\$4,280	\$1,472	\$448	\$180	\$111	\$745	\$743
May-85	199	0	\$4,368	\$1,481	\$448	\$184	\$113	\$762	\$771
Jun-85	183	0	\$4,017	\$1,379	\$448	\$169	\$104	\$734	\$679
Jul-85	178	0	\$3,907	\$958	\$448	\$164	\$101	\$721	\$946
Aug-85	188	0	\$4,127	\$930	\$448	\$174	\$107	\$750	\$1,063
Sep-85	189	0	\$4,149	\$1,366	\$448	\$175	\$108	\$763	\$738
Oct-85	188	0	\$4,127	\$2,340	\$448	\$174	\$107	\$557	\$150
Nov-85	211	0	\$4,631	\$1,403	\$448	\$195	\$120	\$843	\$907
Dec-85	204	0	\$4,478	\$1,827	\$448	\$189	\$116	\$776	\$559
Jan-86	179	0	\$3,808	\$2,300	\$448	\$160	\$99	\$580	(\$8)
Feb-86	162	0	\$2,685	\$1,944	\$448	\$113	\$70	\$486	(\$272)
Mar-86	173	0	\$1,859	\$1,487	\$448	\$80	\$49	\$337	(\$244)
Apr-86	146	0	\$1,351	\$1,565	\$448	\$57	\$35	\$247	(\$523)
May-86	146	0	\$1,370	\$1,211	\$448	\$59	\$36	\$234	(\$237)
Jun-86	144	0	\$1,483	\$1,239	\$468	\$62	\$39	\$264	(\$215)
Jul-86	133	0	\$1,280	\$1,315	\$468	\$54	\$33	\$233	(\$358)
Aug-86	143	0	\$1,405	\$1,394	\$468	\$59	\$36	\$240	(\$356)

^ Chevrans average price for that month less deductions for 32 'API crude.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions
reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT-" for such proposals.)

1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. U-17785	
2. NAME OF OPERATOR Natural Gas Corp. of California		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 85 South 200 East, Vernal, UT 84078		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2118' FWL, 1949' FSL, NE/SW Section 23, T9S., R17E.		8. FARM OR LEASE NAME Federal	
14. PERMIT NO. 43-047-31169		9. WELL NO. 23-23	
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5236' GR		10. FIELD AND POOL, OR WILDCAT Eight Mile Flat No.	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T9S, R17E	
		12. COUNTY OR PARISH Uintah	13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	
(Other) Return Well to Producing Status <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator reports the subject well was put back on production January 9, 1987 at 2 P.M.

18. I hereby certify that the foregoing is true and correct

SIGNED

Charles M. Heddleson
C. M. Heddleson

TITLE Production Supt.

DATE 1/16/87

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

NGC

January 16, 1987

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

State of Utah
Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

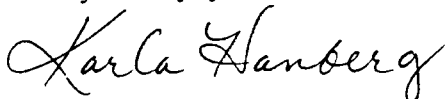
Re: NGC Well #23-23
NE/SW Sec. 23, T.9S., R.17E.
Uintah County, UT

Gentlemen,

Attached is form 3160-5, "Sundry Notices and Reports of Wells", Notice of Intention to return the above referenced well to a producing status.

If you need more information, please contact our Vernal office.

Very truly yours,



Karla Hanberg

cc: S. Furtado (Rm 1449)
L. Jorgensen (Rm 1421)
W. G. Paulsell (Rm 1428)
Connie Wales
Jt Interest Partners
Files

Natural Gas
Corporation of
California

RECEIVED
MAY 16 1988

DIVISION OF
OIL, GAS & MINING

May 12, 1988

Bureau of Land Management
Vernal District
170 South 500 East
Vernal, Utah 84078

Division of Oil, Gas & Mining
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Mr. Keith Ebner
Chorney Oil Company
555 17th Street, Suite 1000
Denver, CO 80202-3910

Re: NGC 23-23 Federal
Sec. 23, T9S, R17E
Uintah County, UT
Lease #U-17785

Gentlemen:

Attached is Form 3160-5, "Sundry Notices and Reports on Wells," Request to Suspend Production for the subject well.

If you have any questions, please contact me in the Vernal office.

Sincerely,

Michael L. McMican

Michael L. McMican
Petroleum Engineer

/kh

cc: S. Furtado
L. Jorgensen
W. G. Paulsell
B. Hill
H. Culp

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate*
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

23-23

10. FIELD AND POOL, OR WILDCAT

Eight Mile Flat No.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T9S, R17E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT" for proposals.)

MAY 16 1988

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Natural Gas Corporation of California

DIVISION OF

OIL, GAS & MINING

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface.

2118' FWL, 1949' FSL

14. PERMIT NO.

43-047-31169

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5236' GR

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other)

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON* ☐

CHANGE PLANS ☐

Suspend Production ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other)

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT* ☐

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Operator requests permission to suspend production for the subject well. The well is not economical at current oil prices, but may become economical with a price increase. If a suspension of production is not granted, it may result in premature abandonment of the well and a loss of associated reserves.

18. I hereby certify that the foregoing is true and correct

SIGNED

Mike McMican
Michael L. McMican

TITLE Petroleum Engineer

DATE May 12, 1988

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

NGC
Energy
Company

2001 Bryan Tower
Suite 953
Dallas, Texas 75201
(214) 742-2396

RECEIVED
JUN 21 1989

June 12, 1989

Dear Operator/Vendor:

NGC Energy Company has changed its' name to PG&E Resources Company and has relocated its' corporate headquarters from Concord, California to Dallas, Texas. All invoices and correspondence currently mailed to Concord, California should now be addressed to:

PG&E RESOURCES COMPANY
2001 Bryan Tower, Suite 953
Dallas, TX 75201

PG&E Resources Company's Rocky Mountain Regional office will continue to operate in Vernal, Utah. Please mail all invoices and correspondence pertaining to the Rocky Mountain region to:

PG&E RESOURCES COMPANY
85 South 200 East
Vernal, UT 84078

All remittances should be mailed to:

PG&E RESOURCES COMPANY
P. O. Box 840274
Dallas, Texas 75284-0274

PG&E Resources Company federal tax identifying number is 94-2882054.

Should you need any additional information, please contact Patti Sanders, Accounts Payable Supervisor.

Sincerely,


Keith H. Perkins
Vice President Controller

KHP/chs

6-06-89
NGC Energy Co : Natural Gas Corp
of CA are one in the same
company. talked w/ Mr. Perkins
he indicated both companies
should reflect the chg. NGC Co.
will send a chg of op from
Natural Gas Corp to NGC. JAS

UTAH
NATURAL RESOURCES
Oil, Gas & Mining355 West North Temple, 3 Triad Center, Suite 350, Salt Lake City, Ut
84180-1203. • (801-538-5340)Page 3 of 3

MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• NATURAL GAS CORP OF CA
85 SOUTH 200 EAST
VERNAL UT 84078
ATTN: PROD. ACCOUNTING

Utah Account No. N0700Report Period (Month/Year) 5 / 89Amended Report ☐

Well Name				Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location				Oil (BBL)	Gas (MSCF)	Water (BBL)
NGC 23-23 FEDERAL								
4304731169	06160	09S 17E 23		GRRV				
FEDERAL 32-29								
4304731175	06170	09S 18E 29		GRRV				
NGC 24-9H FEDERAL								
4301330682	06175	09S 17E 9		GRRV				
FEDERAL 13-9H								
4301330656	06185	09S 17E 9		GRRV				
PTS 33-36 STATE								
4301330486	06190	11S 14E 36		WSTC				
FEDERAL 31-20								
4304731433	06196	08S 22E 20		GRRV				
FEDERAL 12-9-H								
4301330983	09830	09S 17E 9		GRRV				
FEDERAL NGC #22-9-H								
4301331049	10065	09S 17E 9		GRRV				
FEDERAL #41-5-G								
4301331205	10859	09S 16E 5		GRRV	Conf.			
FEDERAL 23-9-H								
4301331206	10868	09S 17E 9		GRRV				
FEDERAL 24-33-B								
4301331214	10913	08S 16E 33		GRRV	Conf.			
TOTAL								

Comments (attach separate sheet if necessary) _____

I have reviewed this report and certify the information to be accurate and complete.

Date _____

Authorized signature _____

Telephone _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR CATE
(On Instruct on
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-17785

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Federal

9. WELL NO.
23-23

10. FIELD AND POOL, OR WILDCAT
Eight Mile Flat No.

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Sec. 23, T9S, R17E

12. COUNTY OR PARISH 13. STATE
Uintah Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR
PG&E Resources Company

3. ADDRESS OF OPERATOR
85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

NE/SW 2118' FWL, 1949' FSL

14. PERMIT NO.
43-047-31169

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5236' GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐

PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☒
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Operator requests permission to plug and abandon the subject well in the following manner:

Set CIBP at 4450' with 50' Class "G" cement on top. Set 100' Class "G" cement in 5½" casing across 9-5/8" casing shoe from 450' to 550'. Set 100' Class "G" cement in 5½" casing at surface and 504' Class "G" cement in 5½" and 9-5/8" casing annulus at surface. Erect a regulation dryhole marker with 10 sx sackrete and fill in around marker base to about 18". Cut deadmen 24" below surface. Minimum 9 ppg bentonite weighted fresh water mud will be placed between all plugs.

copies: Div. OG&M; Chorney; SGoodrich; Central Files

18. I hereby certify that the foregoing is true and correct

SIGNED L.M. Hedders TITLE Production Supt.

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

TITLE

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 3-29-90

BY: John R. Bays

*See Instructions on Reverse Side

OIL AND GAS	
DRN	RJF
1. JRB ✓	GLH
DTS	SLS
2. TAS	
3. MICROFILM ✓	
4. DATE FILE 3/20/90	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: September 30, 1990

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

PG&E Resources Company

3. Address and Telephone No.

85 South 200 East, Vernal, UT 84078 801-789-4573

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

2118' FWL, 1949' FSL NE/SW
Section 23, T9S, R17E

5. Lease Designation and Serial No.

U-17785

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

23-23 Federal

9. API Well No.

43-047-31169

10. Field and Pool, or Exploratory Area

Eight Mile Flat No.

11. County or Parish, State

Uintah, Utah

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☒ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☐ Other

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Subject well was plugged and abandoned as follows:

- 8/1/90: RIH w/csg scraper to 4561', circ hot water, TOH, set CIBP @ 4450'.
8/2/90: Set 10 sx Class "G" cmt on BP, perf 5½" csg @ 2722', established circ, set cmt retainer @ 2392', cmt'd thru retainer w/98 sx Class "G", left 50' cmt on retainer, displaced hole w/9 ppg mud, perf 5½" csg @ 1190', broke circ, set cmt retainer @ 1090, perf 5½" csg @ 550', cmt'd thru retainer w/31 sx Class "G".
8/3/90: Established circ thru perfs @ 550' back to surface, circulated Class "G" cmt and filled 5½" csg & 5½" & 9-5/8" csg annulus from 550' to surface.
8/4/90: Set regulation dryhole marker.

NOTE: Location to be rehabilitated and seeded during November 1990.

Copies: Div. Oil, Gas & Mining; Chorney; SGoodrich; Central Files

14. I hereby certify that the foregoing is true and correct

Signed Mike McMan

Title Production Supt.

Date 11/1/90

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget 2-1001-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RENVR. ☐ Other P&A

2. NAME OF OPERATOR

PG&E Resources Company

3. ADDRESS OF OPERATOR

85 South 200 East, Vernal, UT 84078

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2118' FWL, 1949' FSL NE/SW

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

43-047-31169

1/19/82

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

19. ELEV. CASINGHEAD

1/28/82

2/20/82

4/10/82

5236' GR

5236'

20. TOTAL DEPTH, MD & TVD

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

5697'

5610'

XX

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

Plugged and Abandoned 8/3/90

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL-FDC-CNL-BHC Sonic

1-14-91

27. WAS WELL CORROD

No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36# K55	504' KB	12-1/4"	To surface	None
5-1/2"	17# K55	5691'	7-7/8"	700 sx	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
5000-05, 4852, 4853, 4855, 4856, 4868 4868.5, 4869, 4885-87, 4486-87, 4490-92, 4586-91: All 1 spf 2722, 1190, 550: P&A holes	<table><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr><tr><td>5000-5005</td><td>40 bbls diesel</td></tr><tr><td>4852-4887</td><td>1246 bbls diesel, 12500# sand</td></tr><tr><td>4486-4591</td><td>956 bbls diesel, 38000# sand</td></tr></table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5000-5005	40 bbls diesel	4852-4887	1246 bbls diesel, 12500# sand	4486-4591	956 bbls diesel, 38000# sand
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED								
5000-5005	40 bbls diesel								
4852-4887	1246 bbls diesel, 12500# sand								
4486-4591	956 bbls diesel, 38000# sand								

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4/27/82		Pumping				Abandoned	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
5/1/82	24			62			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
			62				

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	TEST WITNESSED BY
Used for fuel	Boyd Snow

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Mike McManis

TITLE

Production Supt.

DATE

11/1/90

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

RECEIVED
JAN 14 1991

DIVISION OF
OIL, GAS & MINING

Utah Division of Oil & Gas Mining
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Attn: Ms. Vicki Carney

Re: Logs NGC #23-23
Sec. 23-T9S-R17E
Uintah Co., Utah

Dear Ms. Carney:

Enclosed please find copies of the DIL and CNL-Density logs for the subject well that you requested from our Vernal office.

Sincerely yours,

John R. Wingert

John R. Wingert
Sr. Staff Geologist

JRW:lk
Encl.

cc: Mike McMican - Vernal

API #43-047-31169

EA #102-82

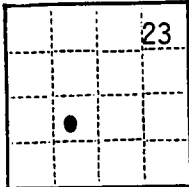
Sec. 23

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

T. 9S

R. 17E

SLB&M Mer.



INDIVIDUAL WELL RECORD

PUBLIC LAND:

Date May 10, 1982

Ref. No.

Land office Utah State Utah

Serial No. 17785 County Uintah

Lessee Natural Gas Corporation Raymond Chorney Field Monument Butte

Operator Natural Gas Corporation District Salt Lake City

Well No. 23-23 Subdivision NESW

Location 2118' FWL & 1949' FSL

Drilling approved 1/14, 19 82 Well elevation 5236' GR feet

Drilling commenced 1/28, 19 82 Total depth 5697 feet

Drilling ceased 2-20-82, 19 Initial production 62.3 BOPD

Completed for production 5/1, 19 82 Gravity A. P. I. NA

Abandonment approved Oct 12, 1993 Initial R. P. Pumping

Geologic Formations

Productive Horizons

Surface	Lowest tested	Name	Depths	Contents
Uinta	Wasatch	Green River	4486-5000 (selective)	oil

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1982	spud	TD 5697			POW	<div style="text-align: center;"> <p>RECEIVED</p> <p>OCT 22 1993</p> <p>DIVISION OF OIL, GAS & MINING</p> </div>						
1990												
1993												

REMARKS Geologic Markers: See well file

Casing record: 9 5/8" cc @ 504' w/cement to surface
5 1/2" cc @ 5691' w/700 sxs